

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	375/343.ccls. and ((channel near3 estimat\$3) same (power) same auto\$1correlation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/19 08:15
L2	1	375/343.ccls. and ((channel near3 estimat\$3) near6 echo\$2) and (power same auto\$1correlation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/19 08:16
L3	1	370/286,289.ccls. and ((channel near3 estimat\$3) near6 echo\$2) and (power same auto\$1correlation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/19 08:17
L4	3	379/406.01,406.05.ccls. and ((channel near3 estimat\$3) near6 echo\$2) and (power same auto\$1correlation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/19 08:28
L5	0	455/570.ccls. and ((channel near3 estimat\$3) near6 echo\$2) and (power same auto\$1correlation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/19 08:30
L6	6	(major adj1 echo\$2) and (minor adj1 echo\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/19 08:31
S1	1	((frequency\$1domain adj1 deconvolution) with (spectra) with (channel near2 estimat\$3)) same (inverse adj1 transform) same recover\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 08:30
S2	1	((frequency\$1domain adj1 deconvolution) with (channel near2 estimat\$3)) same (inverse adj1 transform) same recover\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/19 08:14
S3	1	((deconvolution) with (channel near2 estimat\$3)) same (inverse adj1 transform) same recover\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/18 11:07

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S4	1	((deconvolution) with (channel near2 estimat\$3)) same (inverse adj1 transform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 08:30
S5	1	((deconvolution) with (channel near2 estimat\$3)) same ((inverse adj2 transform) or ifft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 08:30
S6	1	((deconvolut\$5) with (channel near2 estimat\$3)) same ((inverse adj2 transform) or ifft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 08:31
S7	18	((deconvolut\$5) with (channel near2 estimat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 08:31
S8	8	((deconvolut\$5) with (channel near2 estimat\$3)) and (ifft or (inverse near2 transform))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 08:34
S9	8	((de\$1convolut\$5) with (channel near2 estimat\$3)) and (ifft or (inverse near2 transform))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 08:51
S10	1	("20020191779").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/18 08:57
S11	0	"20020191779" and (averag\$3 with fir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 08:57
S12	2	(averag\$3 near3 (power near2 spectr\$2) near7 iir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 10:53
S13	19	(averag\$3 near3 (power) near7 iir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 09:03

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S14	5	(averag\$3 near4 iir near7 reduce)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 10:41
S22	30	(averag\$3 near4 iir) with exponential\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 10:27
S23	1	(averag\$3 near4 iir) with power with exponential\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 10:27
S24	7	(averag\$3 near4 iir near7 (reduc\$3 or advantage\$1 or benefit\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 10:42
S25	271	(averag\$3 near4 iir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 10:46
S26	51	(averag\$3 near4 iir near5 (weight\$3 or exponential\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 10:46
S27	3	(averag\$3 near3 (power) near7 iir) and echo\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 11:09
S28	0	"20020191779" and (coefficient\$1 with delay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 18:17
S29	0	"20020191779" and (coefficient\$1 same delay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 11:10
S30	7	"5117418" and (coefficient\$1 with delay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 11:34

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S31	8	(adjust\$3 or revis\$3 or updat\$3) near4 ((channel near3 (estimat\$3 or impulse)) or cir) with coefficient\$1 with delay\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 11:48
S32	4	(adjust\$3 or revis\$3 or updat\$3) near4 ((channel near3 (estimat\$3 or impulse)) or cir) with coefficient\$1 with delay\$1 and (echo\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 11:40
S33	274	((channel near3 (estimat\$3 or impulse or characteristic\$1)) or cir) with coefficient\$1 with delay\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 11:49
S34	36	((channel near3 (estimat\$3 or impulse or characteristic\$1)) or cir) with coefficient\$1 with delay\$1 and (echoe\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 11:49
S36	53	((channel near3 (estimat\$3 or impulse or characteristic\$1)) or cir) with coefficient\$1 with delay\$1 and (echo\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 11:52
S37	5	(updat\$3 or adjust\$3 or revis\$3) near4 ((channel near3 (estimat\$3 or impulse or characteristic\$1)) or cir) with coefficient\$1 with delay\$1 and (echo\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 16:48
S38	1	("20050259767").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/18 16:49
S39	0	"20020191779" and (averag\$3 same (filter\$3 with equaliz\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 18:17
S40	14	(echo\$1 with (auto\$1correlation adj1 function)) and (echo\$1 with ((power or energy) near3 spectrum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/18 15:42
S41	1	((fft or ifft or transform) near4 sample\$1) same (((frequency adj1 domain) or frequency\$1domain) near4 auto\$1correlat\$3) same filter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/18 15:47

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S42	6	((frequency\$1domain or (frequency adj1 domain)) near5 deconvolution) same (channel near2 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/18 16:00
S43	7	((frequency\$1domain or (frequency adj1 domain)) with deconvolution) same (channel near2 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/18 16:01
S44	1	("20020191779").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 16:01


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IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

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1. **Performance of an Echo Canceller and Channel Estimator for On-Channel Repeaters in DVB**  
 Nasr, K. M.; Cosmas, J. P.; Bard, M.; Gledhill, J.;  
[Broadcasting, IEEE Transactions on](#)  
 Volume 53, Issue 3, Sept. 2007 Page(s):609 - 618  
 Digital Object Identifier 10.1109/TBC.2007.903612  
[AbstractPlus](#) | Full Text: [PDF](#)(1400 KB) IEEE JNL  
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2. **Echo Cancellation and Channel Estimation for On-Channel Repeaters in DVB-T/H Networks**  
 Nasr, Karim M.; Cosmas, John; Bard, Maurice; Gledhill, Jeff;  
[Mobile and Wireless Communications Summit, 2007, 16th IST](#)  
 1-5 July 2007 Page(s):1 - 6  
 Digital Object Identifier 10.1109/ISTMWC.2007.4299046  
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